

FIG. 2

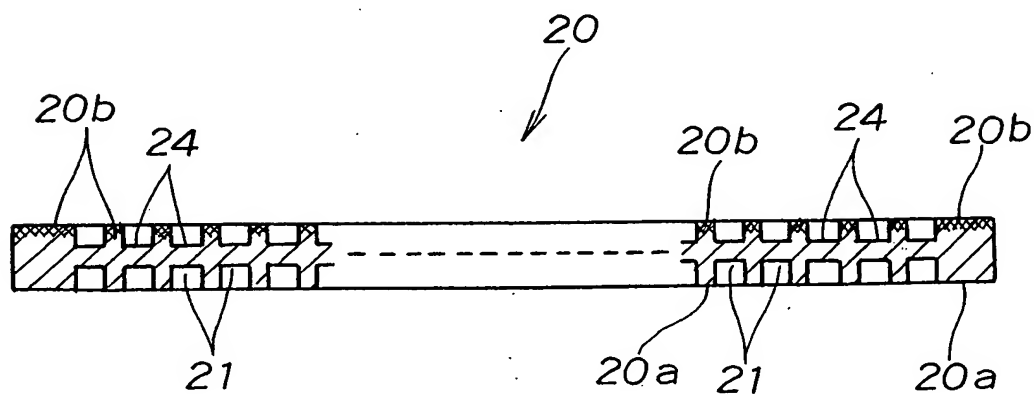


FIG. 3

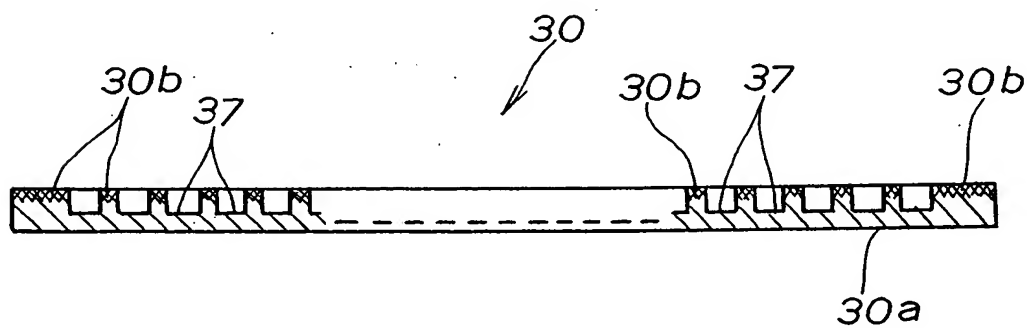


FIG. 4

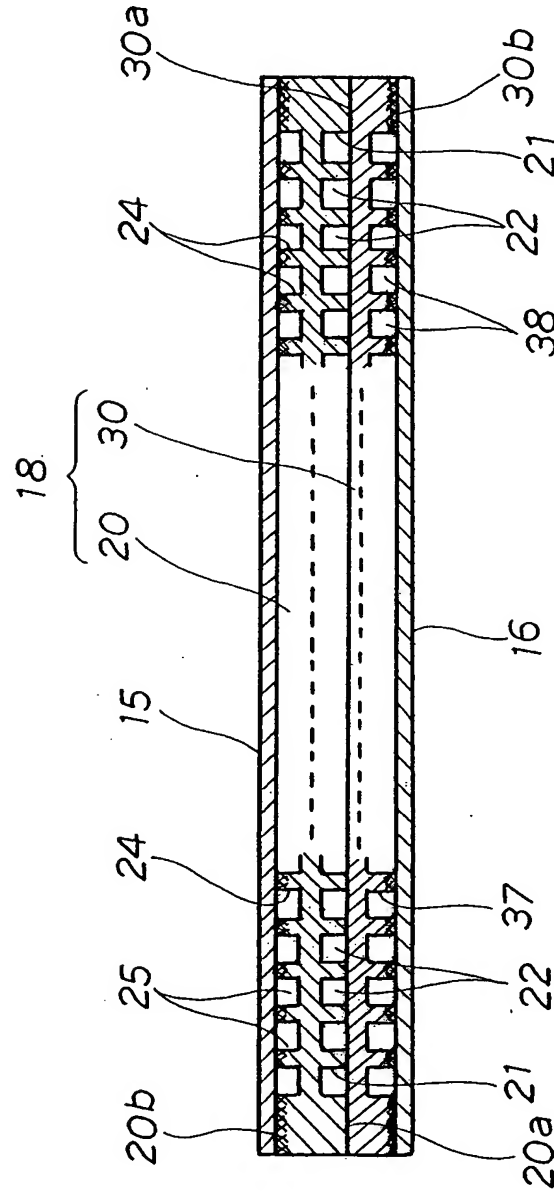


FIG. 5

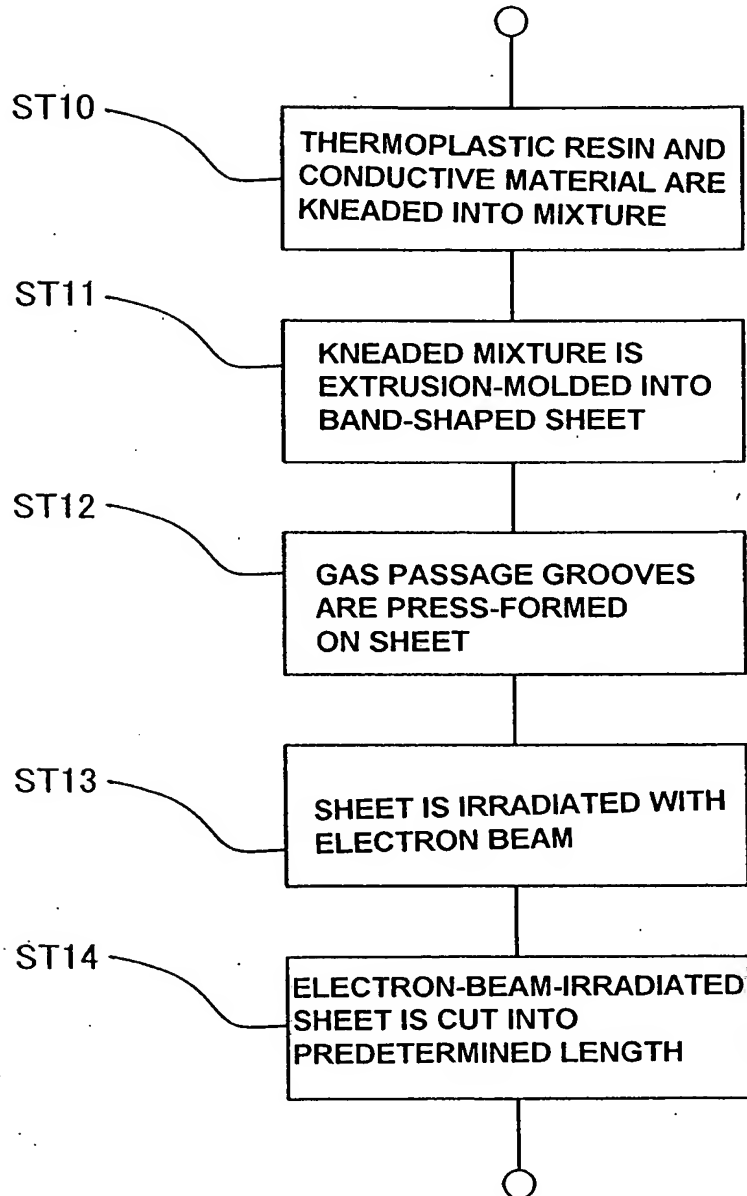


FIG. 6A

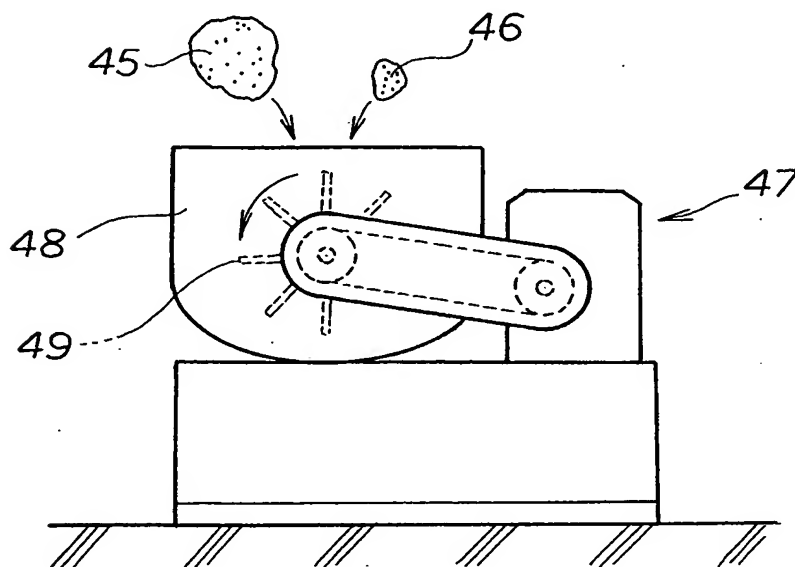


FIG. 6B

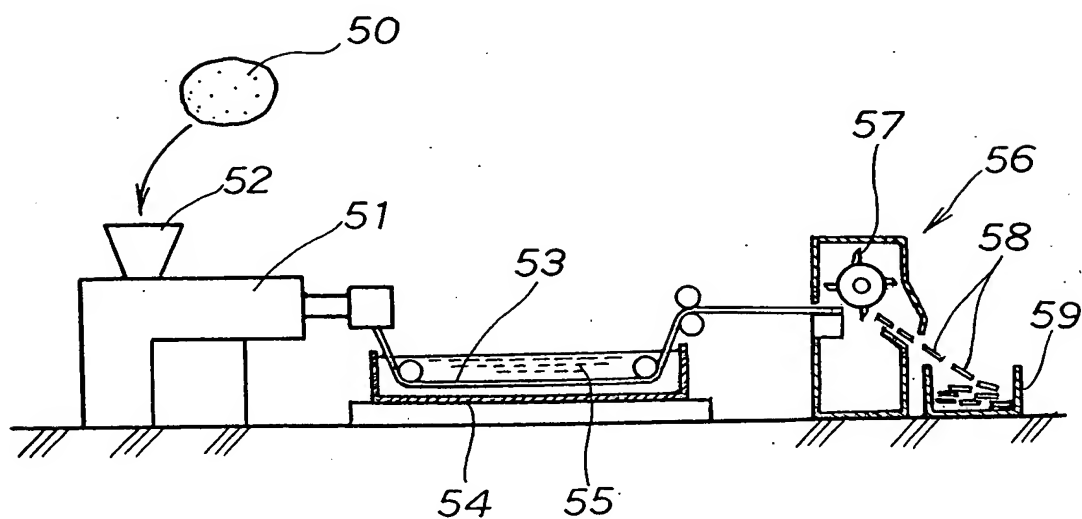


FIG. 7

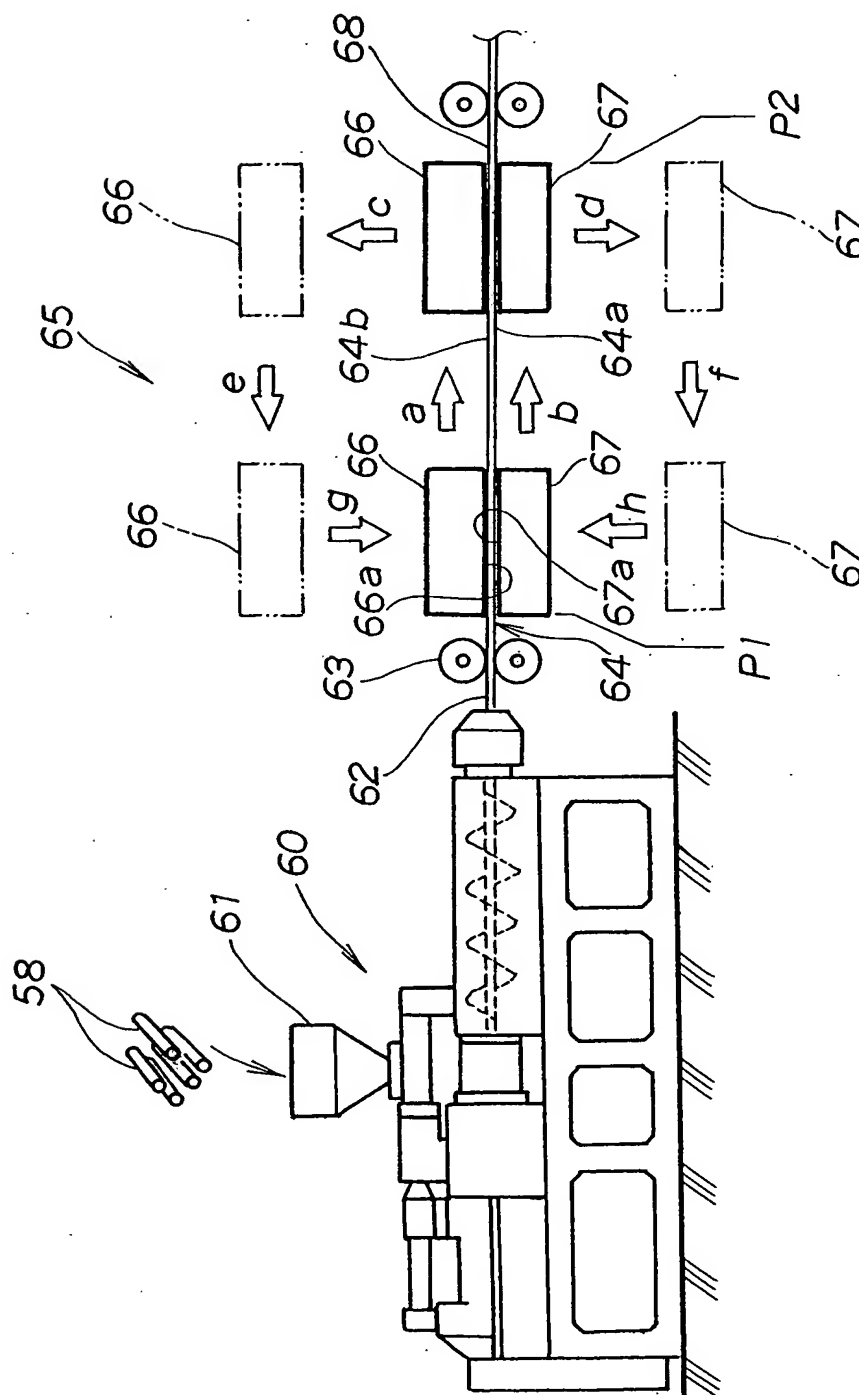
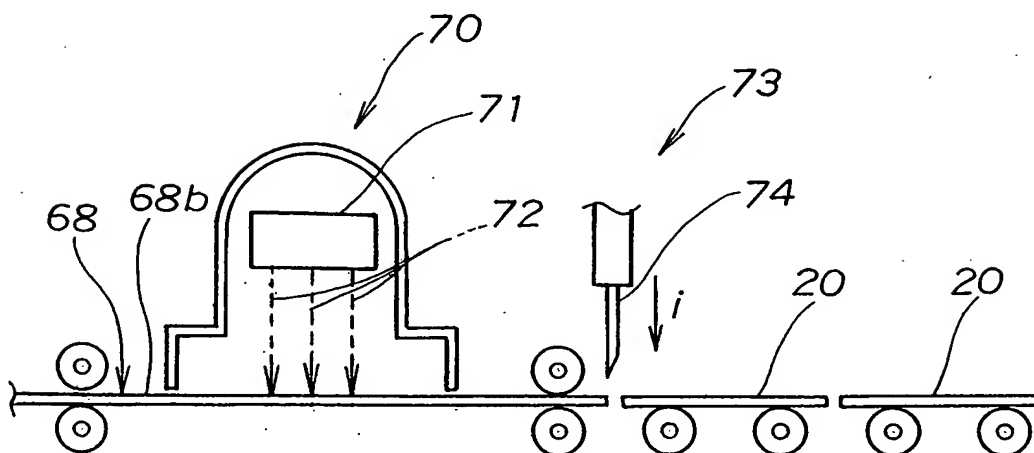


FIG. 8



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FIG. 9

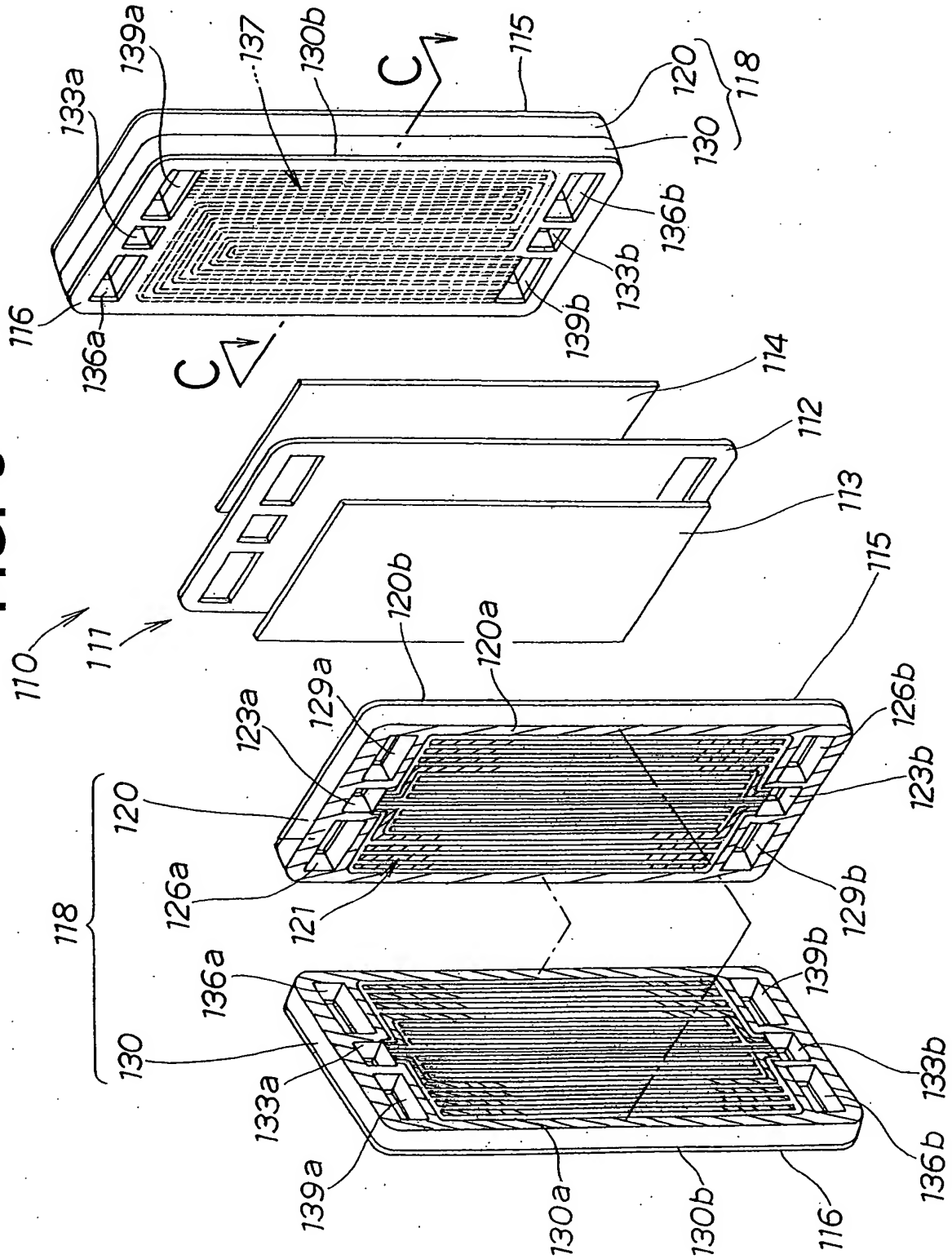


FIG. 10

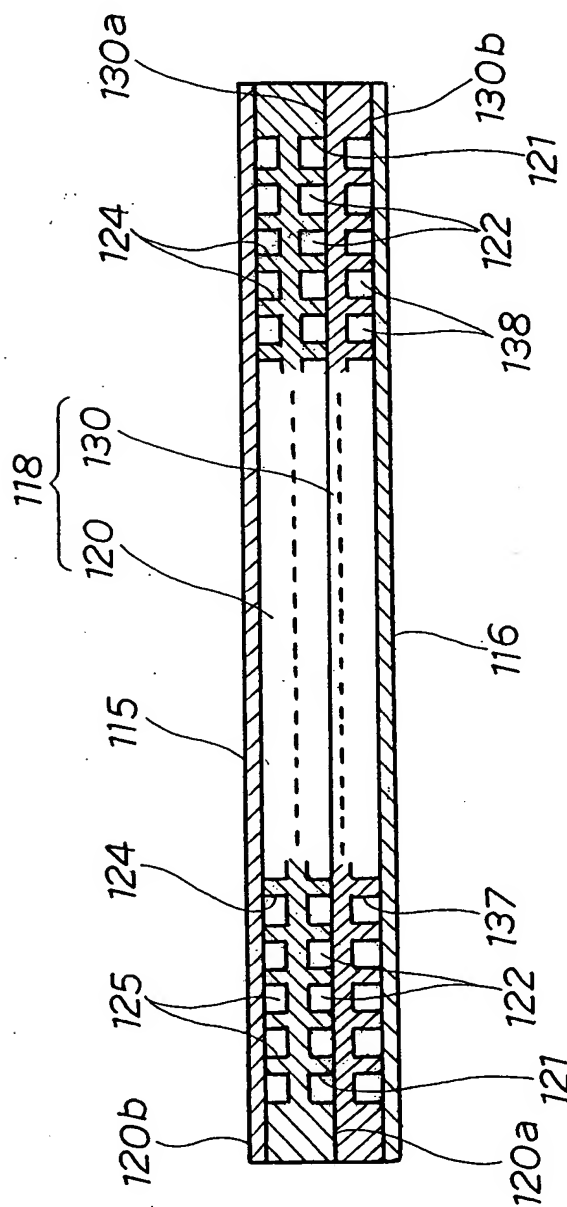


FIG. 11

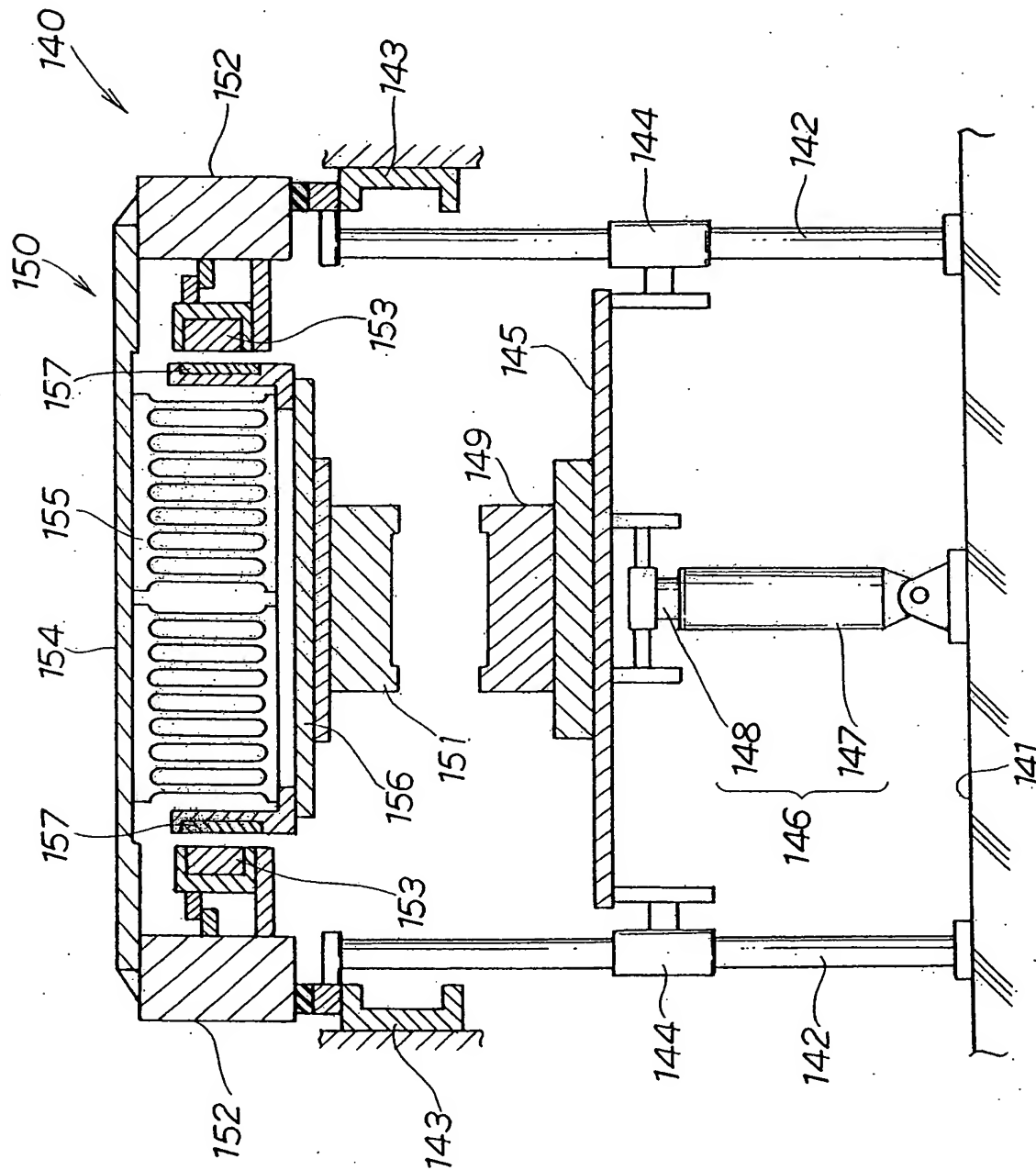


FIG. 1 3A

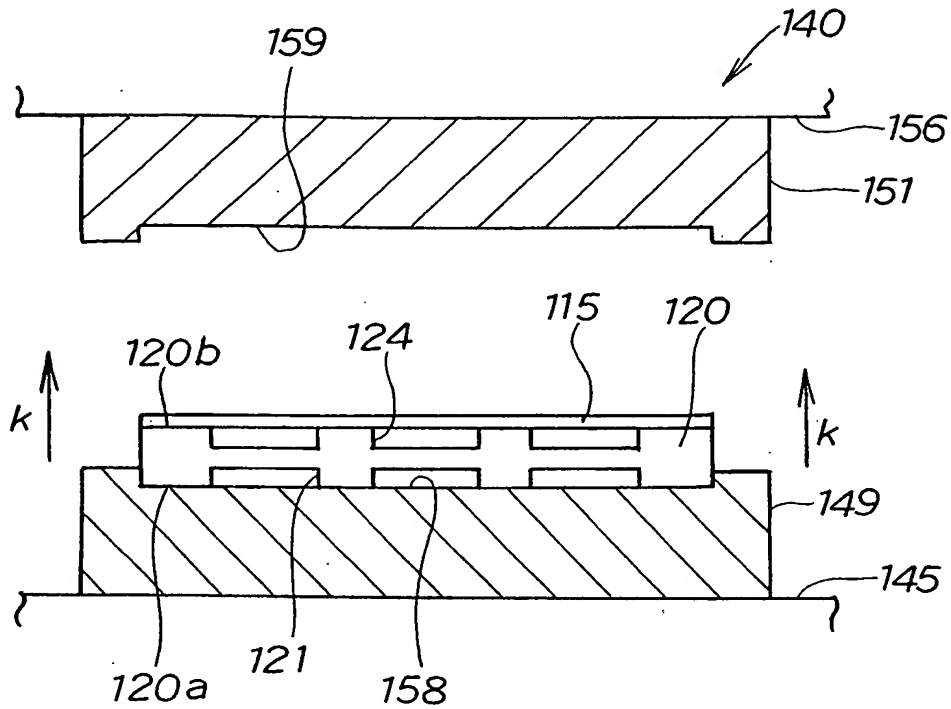


FIG. 1 3B

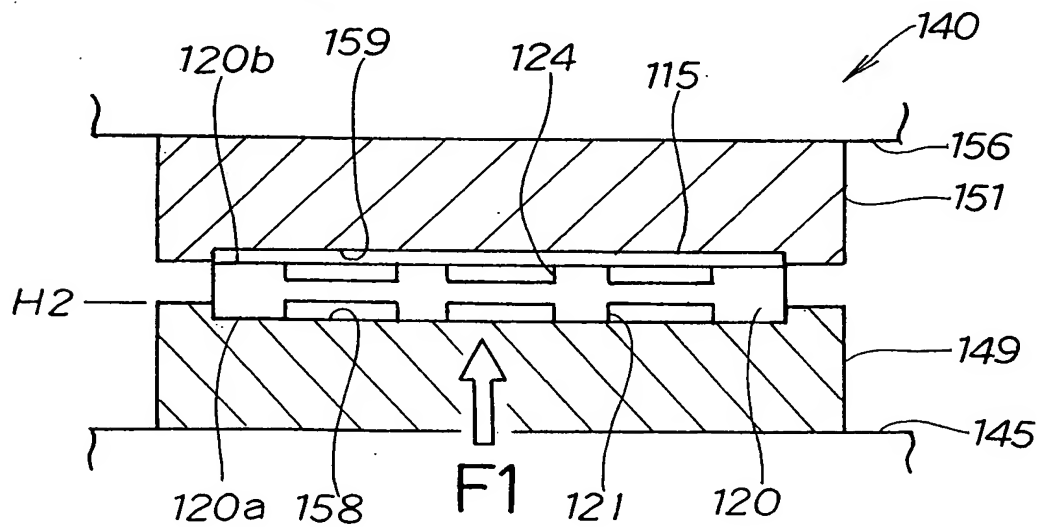


FIG. 1 4A

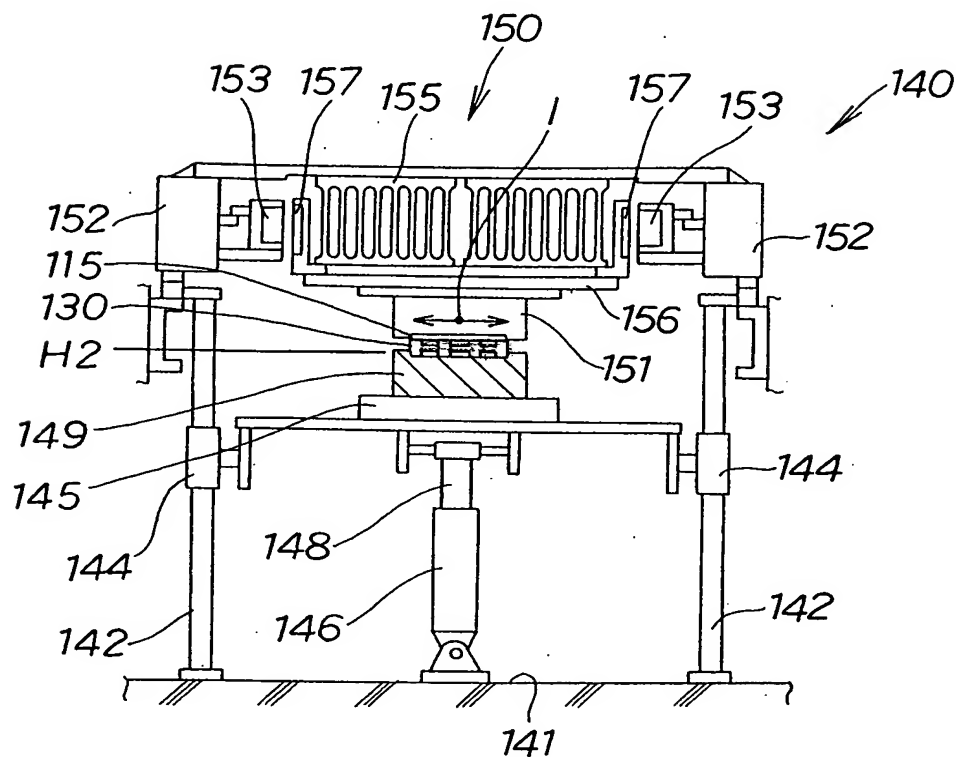


FIG. 1 4B

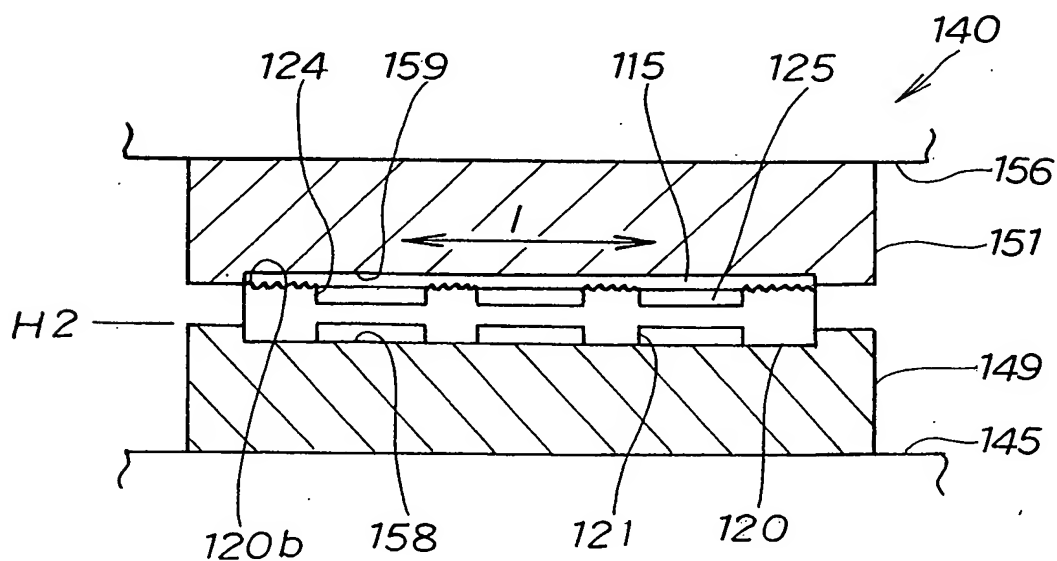


FIG. 15

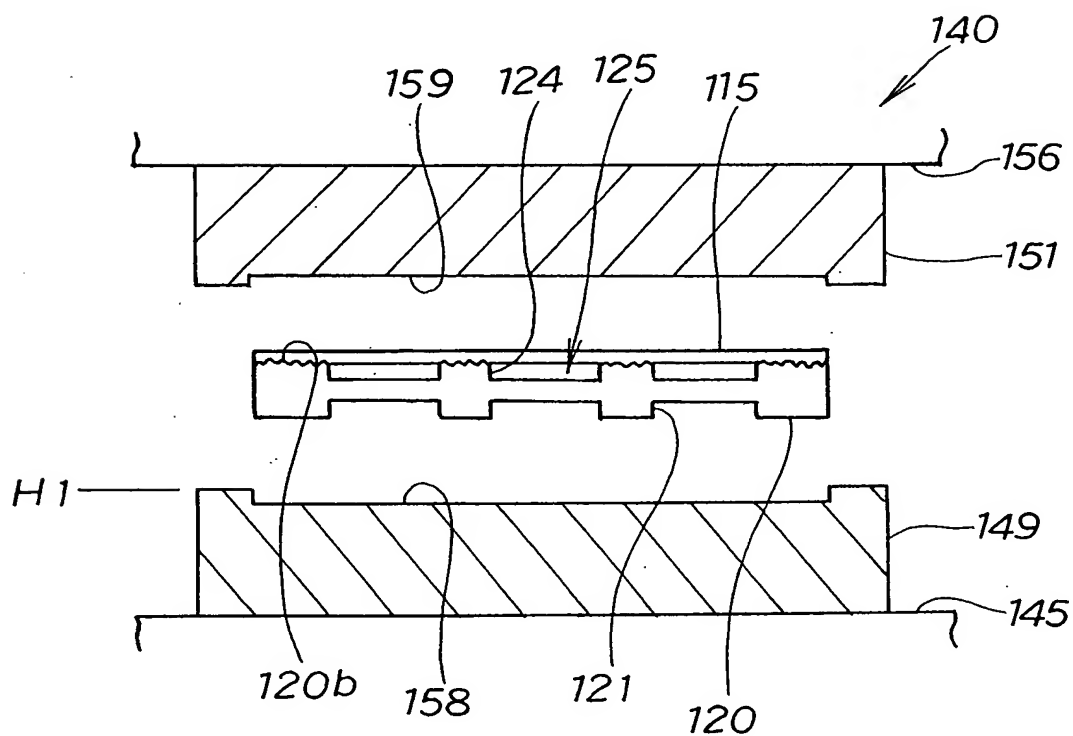


FIG. 1 6A

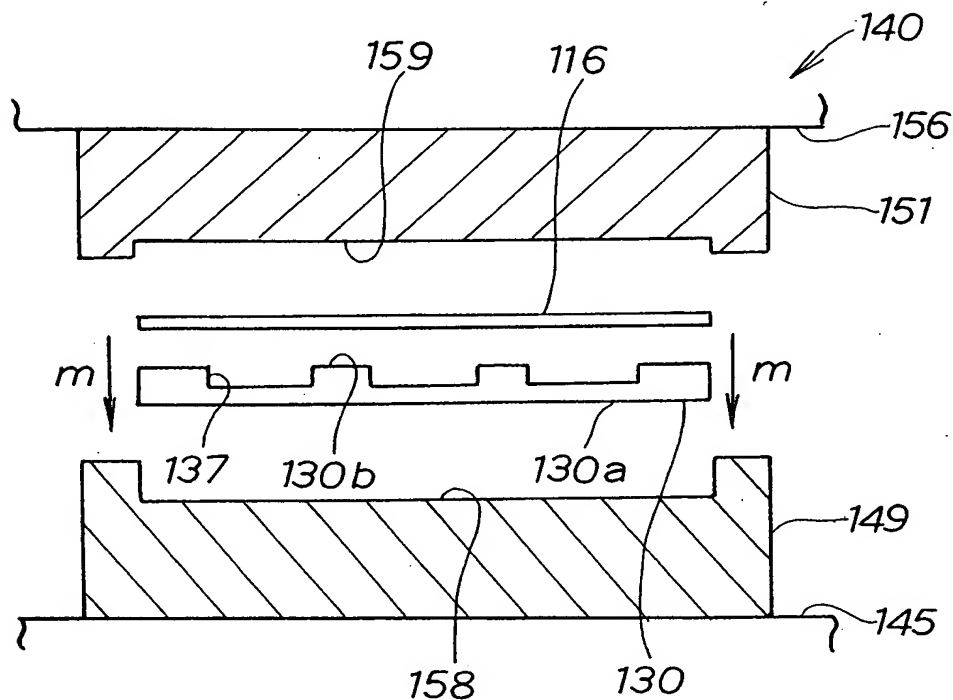
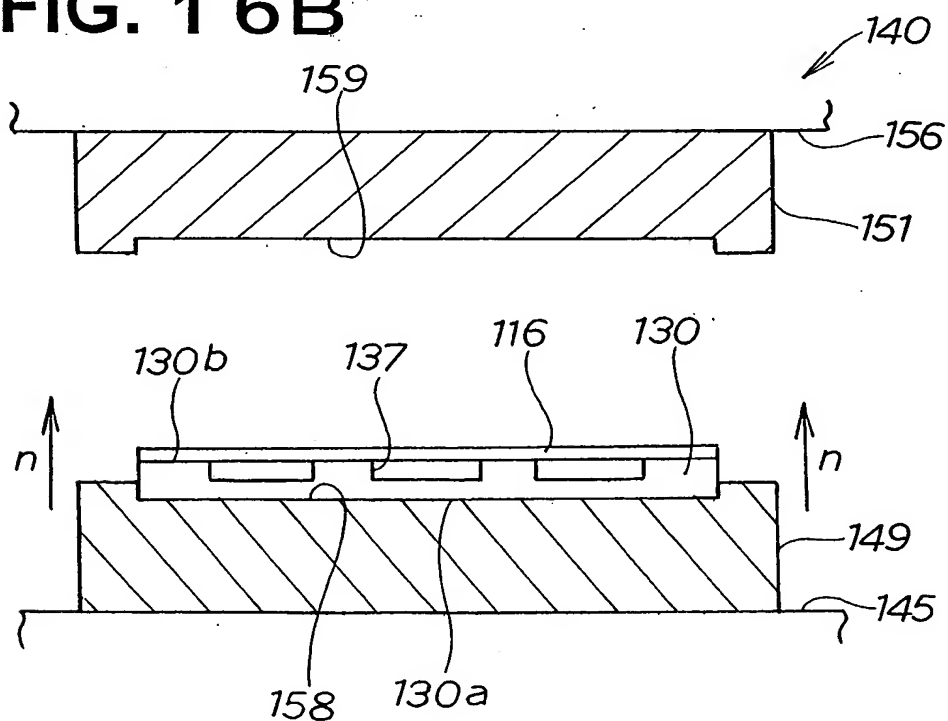


FIG. 1 6B



This cross-sectional view shows a second embodiment of the device. It features a top substrate 140 with a top surface 156 and a bottom surface 151. A bottom substrate 149 is positioned below the top substrate, with a bottom surface 145. A central layer 130 is located between the two substrates. This layer includes a top surface 130b, a bottom surface 130a, and a central region 138. A force $F2$ is applied upwards to the bottom surface 130a. A horizontal double-headed arrow indicates movement or force along the top surface 130b. Other labels include 159, 116, 158, and 137, which point to specific features or interfaces within the assembly.

FIG. 18A

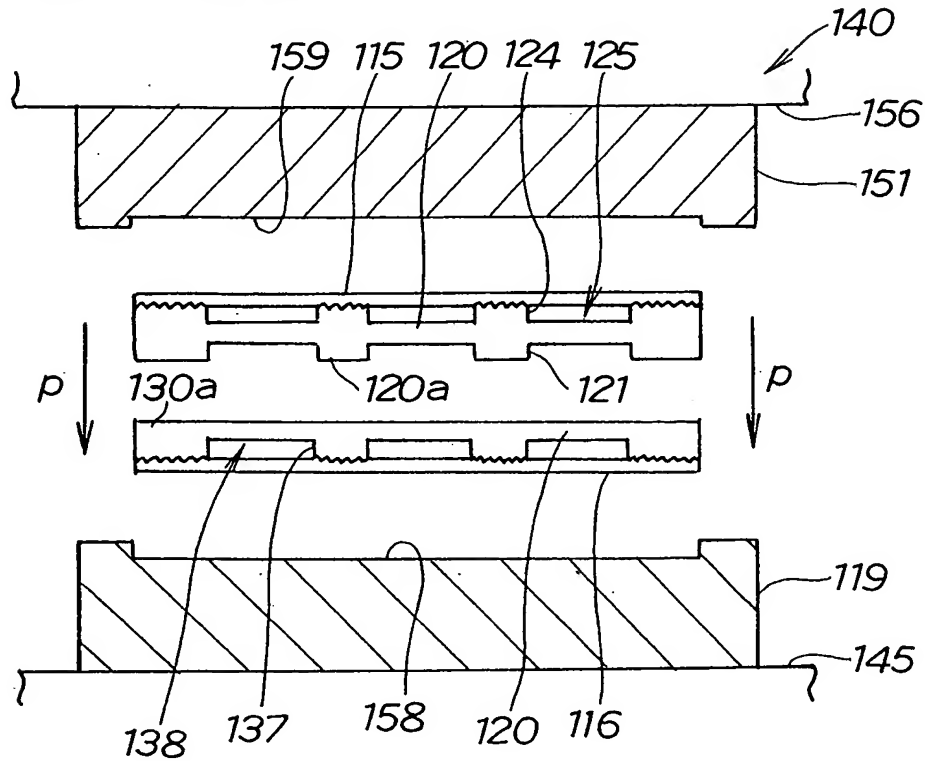
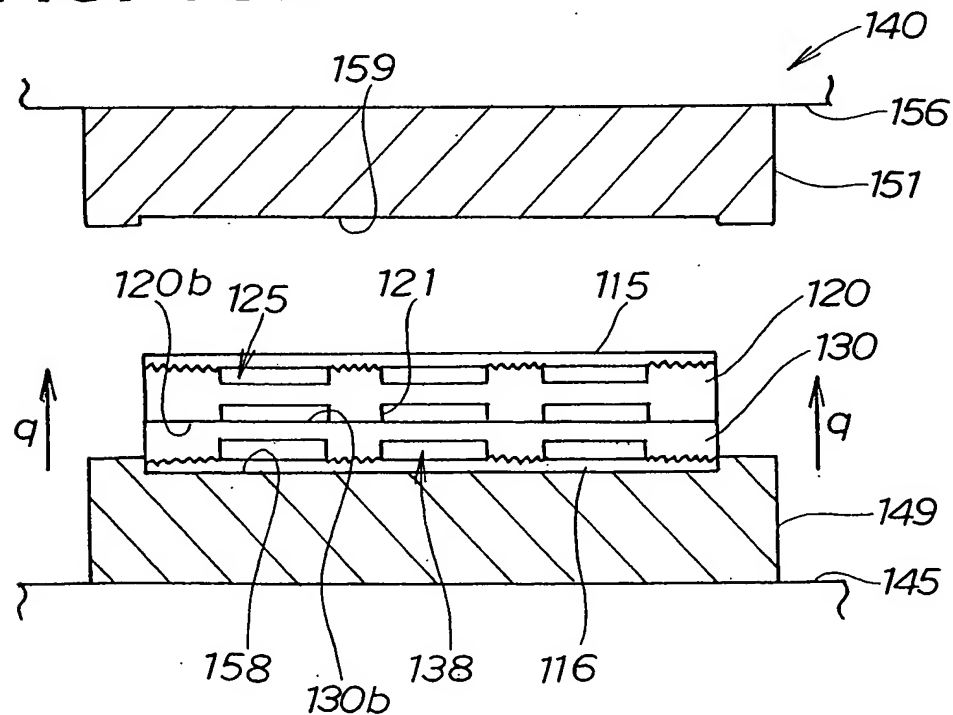


FIG. 18B



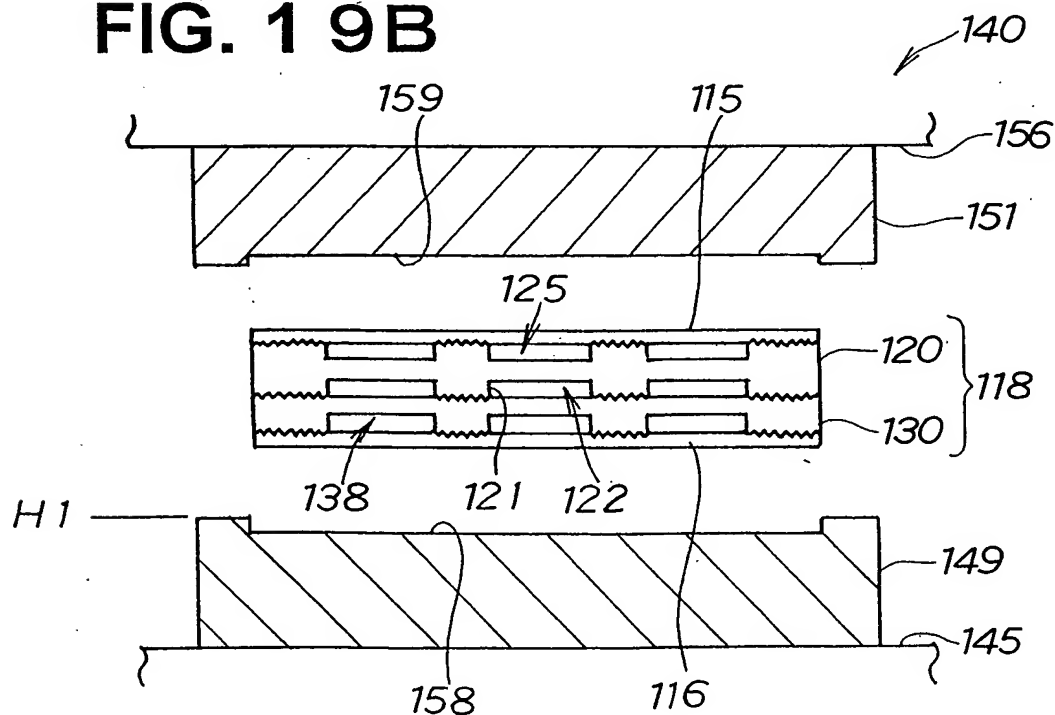


FIG. 20

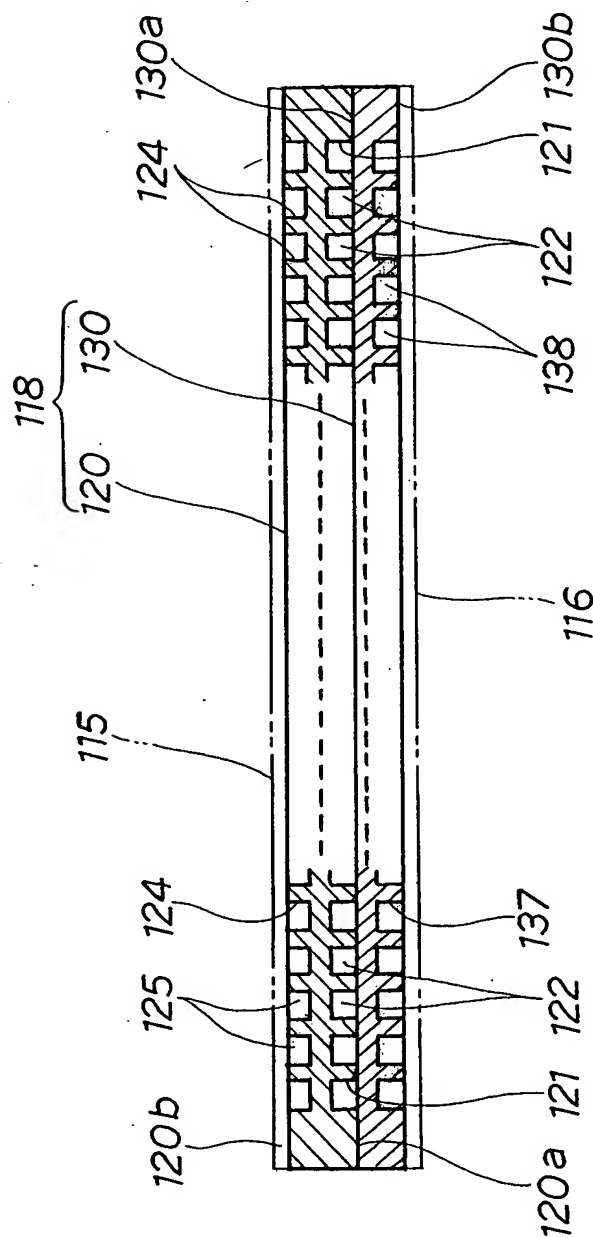


FIG. 21 A

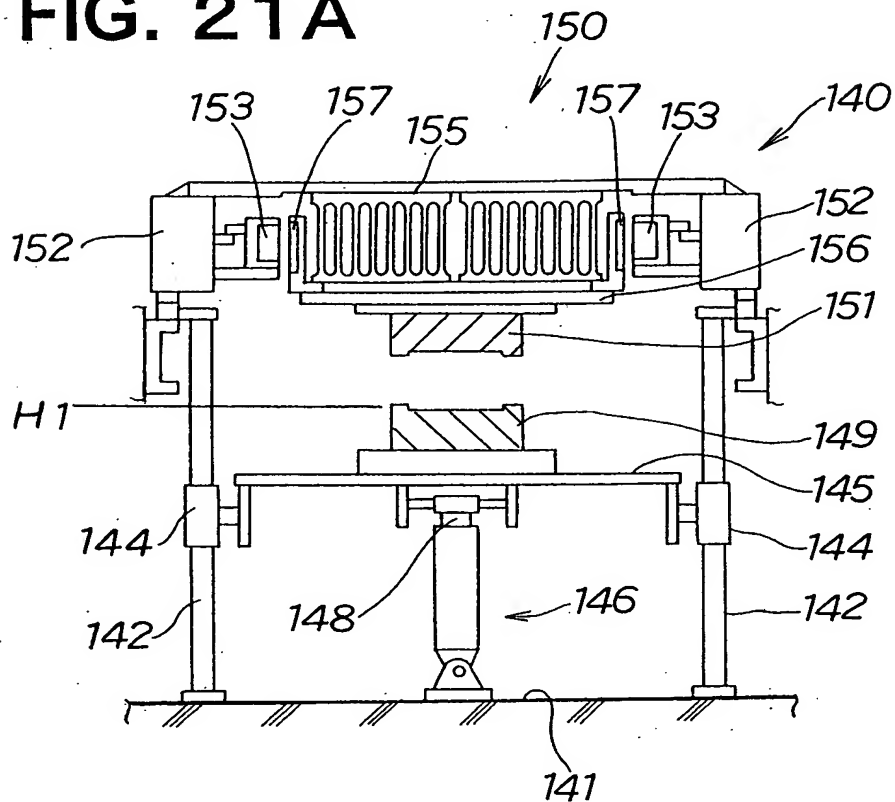


FIG. 21 B

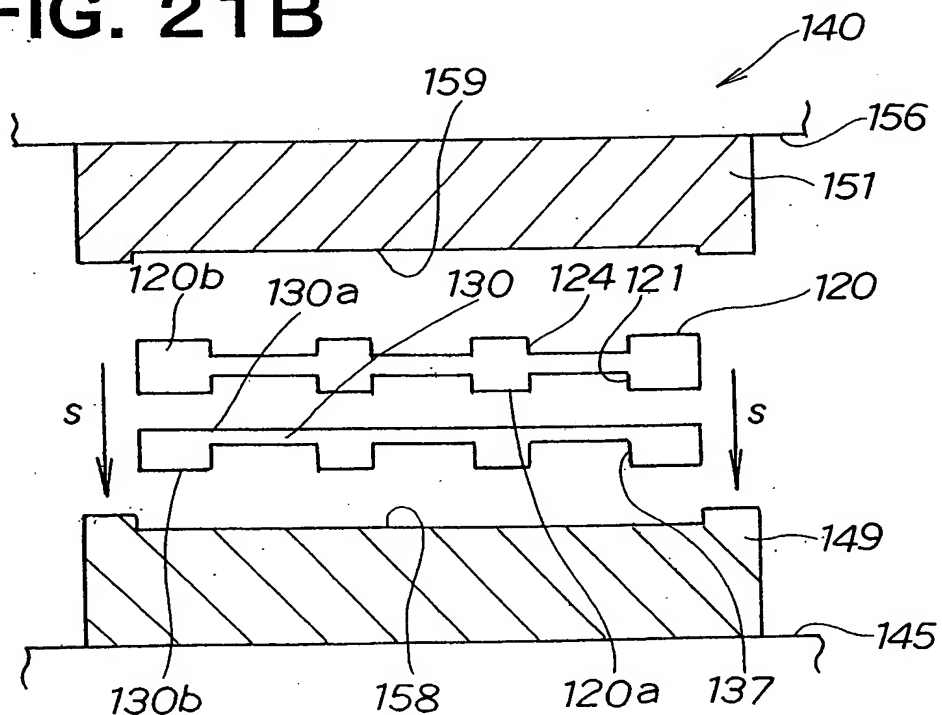


FIG. 22A

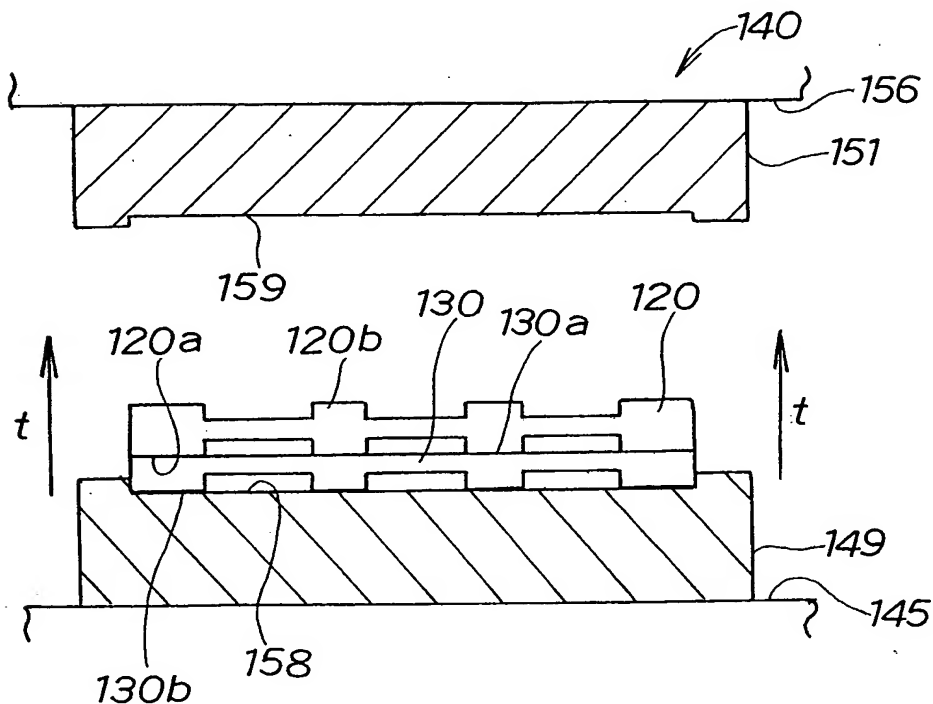


FIG. 22B

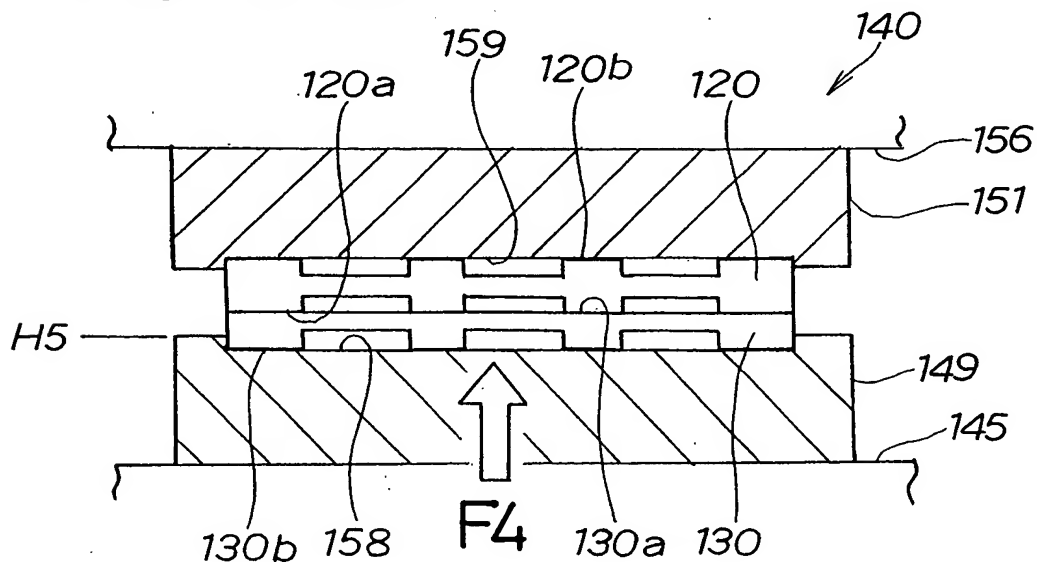


FIG. 23A

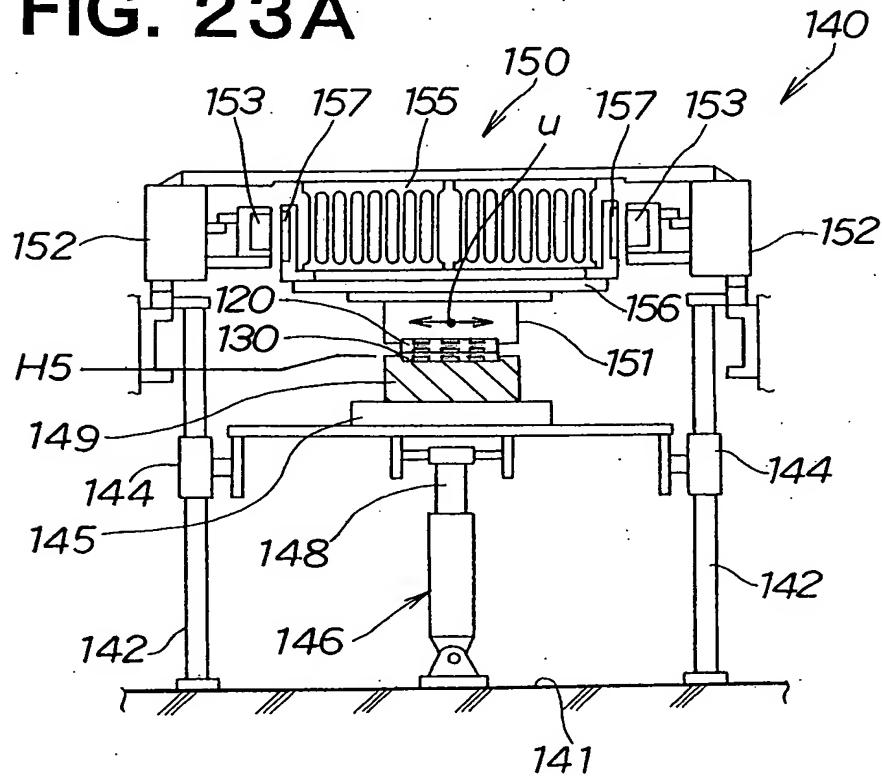


FIG. 23B

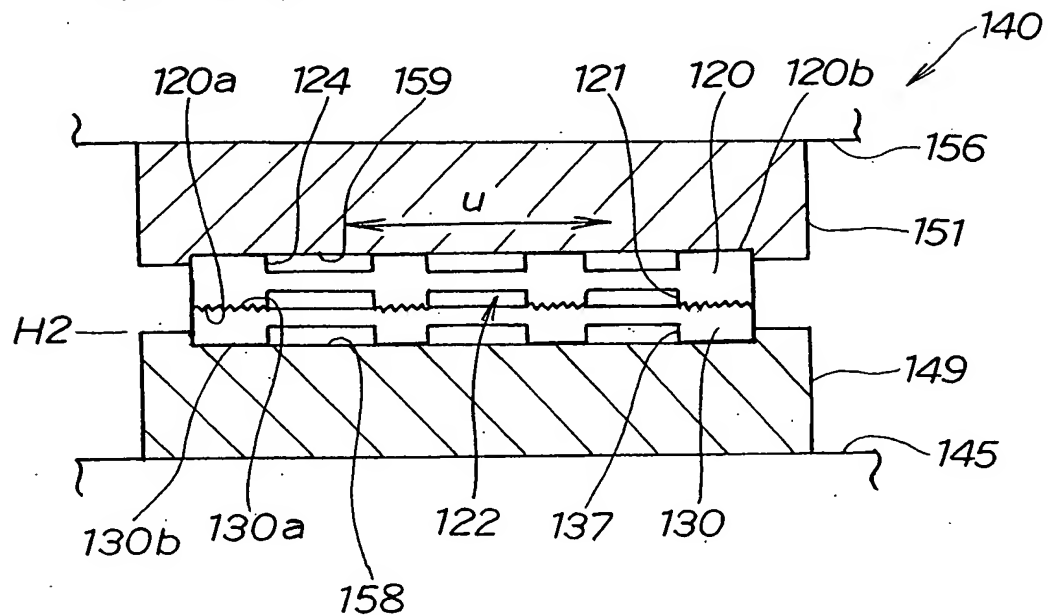


FIG. 24

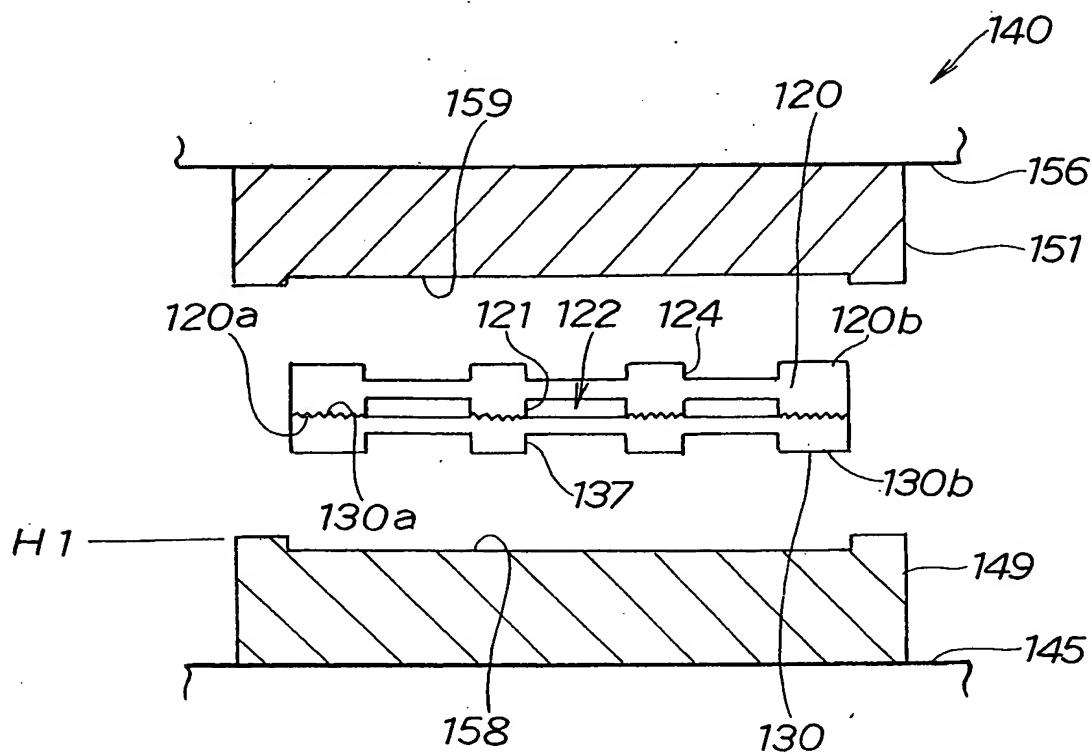


FIG. 25

(Prior Art)

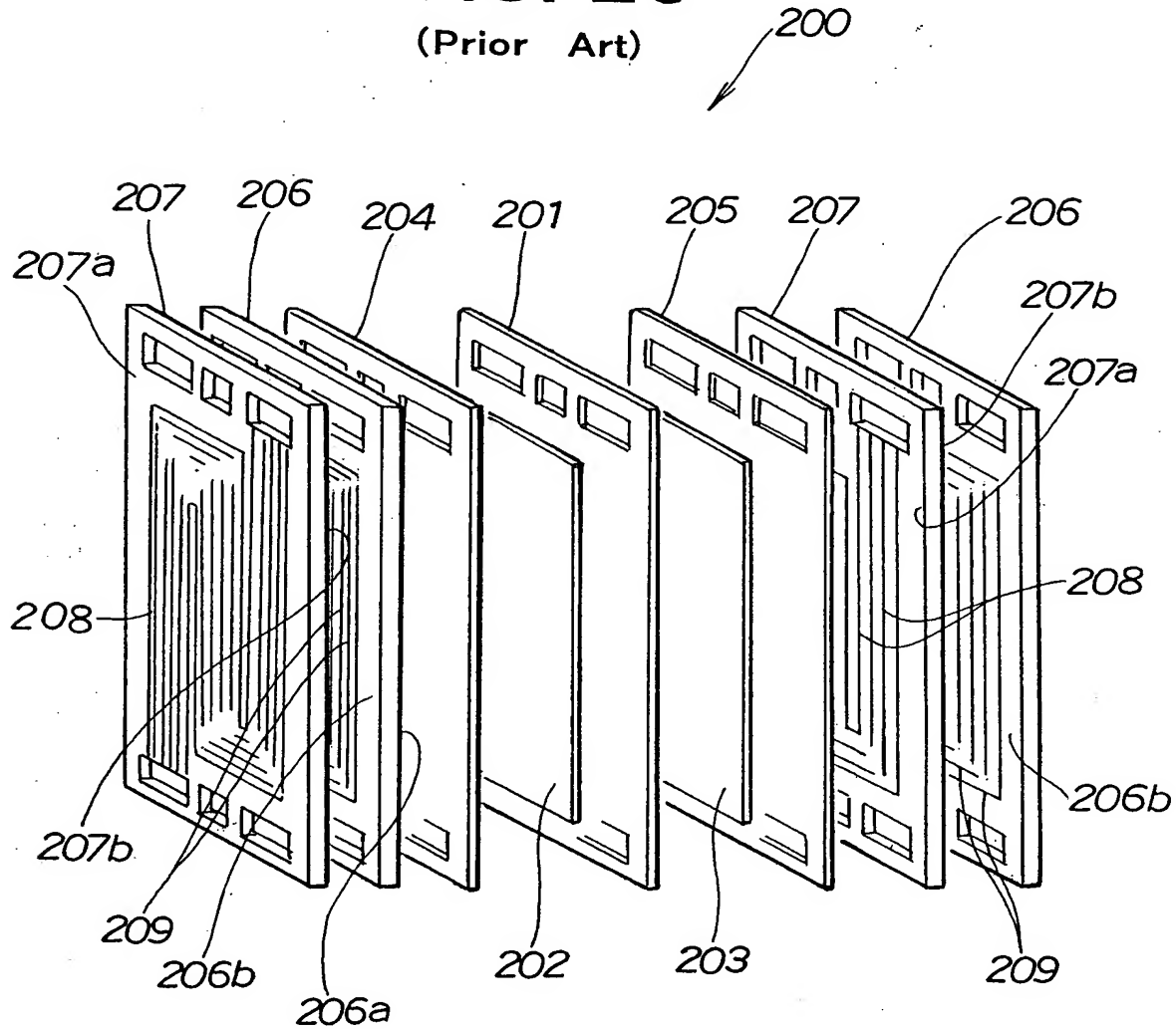


FIG. 26
(Prior Art)

